

**ABSTRACT****Diaphragm transducer**

- 5 A new type of diaphragm transducer comprising magnets to provide magnetic field strength in a planar region and a planar diaphragm located in the said planar region. The diaphragm has a plurality of conductors on its planar surface for inducing electromagnetic forces acting on these conductors in said planar region when current flows through said conductors. The magnets are arranged in magnetic interaction with
- 10 a magnetically conducting material, preferably soft iron, to conduct magnetic field from said magnets to said planar region.

(FIG. 5a)

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